

CLASSIFICATION **S-E-C-R-E-T**

CENTRAL INTELLIGENCE AGENCY

REPORT

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**INFORMATION REPORT**

CD NO.

COUNTRY **East Germany**

DATE DISTR. 21 March 1955

SUBJECT **Copper Research at the Academy Institute for  
Research on the Physics of Solids**NO. OF PAGES **1**PLACE  
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(LISTED BELOW)

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1. **VEB Gleichrichterwerk Sornowitz is producing rectifiers.<sup>1</sup> In the past, the required copper (called CCC-Kupfer) was imported [redacted]. After imports [redacted] were discontinued at an unspecified time, this enterprise used East German copper for its rectifier production. It turned out that the East German copper was inadequate for the production of the enterprise.**
2. Late in 1954, the East German government therefore ordered the Academy Institute for Research on the Physics of Solids (Festkoerperforschung) in Berlin-Buch to make a research study for the purpose of finding out which components of the East German copper made it improper for rectifier purposes. The head of the institute, Prof. Friedrich Moeglich, charged laboratory technician Sauvageot (fnu) with the carrying out of this order.
3. Using electrolytical copper as basic material Sauvageot succeeded in producing pure copper monocrystals. Part of these crystals were delivered to the Sornowitz enterprise; others are now being investigated spectro-analytically in the institute.

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**Comment:** Another East German enterprise, VEB Gleichrichterwerk  
Gross-Raaschen, produces selenium rectifiers.

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